

L4 ANSWER 28 OF 28 CA COPYRIGHT 2010 ACS on STN  
AB Humulone (I) [26472-41-3] and lupulone (II) [468-28-0] are  
isolated from hops as antidiabetics. Procedures for the extraction of I and II  
from hops using MeOH, ether, hexane, and petroleum ether were described.  
I or II (200 mg/kg, orally) given to rats with streptozotocin-induced  
diabetes decreased blood sugar >50% in 6 h.

AN 101:28267 CA

OREF 101:4397a,4400a

TI Humulone and lupulone as antidiabetics from hops

PA Daigo Nutritive Chemicals, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

|      | PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|------|----------------|------|----------|-----------------|----------|
| PI   | JP 59059623    | A    | 19840405 | JP 1982-170277  | 19820929 |
| PRAI | JP 1982-170277 |      | 19820929 |                 |          |

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

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